

*A Manual of Entomological Equipment and Methods. Part One.*  
By Alvah Peterson. Edwards Brothers, Inc. Ann Arbor,  
Michigan. April, 1934. 22 p. + 138 plates + 10 p. + i-xiv.  
\$3.75.

Sometimes I marvel at the length of time entomologists in general have to wait for adequate summaries and analyses of different phases of their work. They scatter their findings everywhere, frequently in inaccessible places, and there it remains for years and years until someone with energy and ability collects it, evaluates it and presents it in an orderly manner so that it becomes available and useful.

Doctor Peterson's volume, which is the outgrowth of his graduate course on "Research Methods with Living Insects" at the Ohio State University, presents in 138 plates with explanatory text, numerous pieces of equipment and methods used by entomologists under field, laboratory, and insectary conditions. It is the first text in English upon this subject, and its topics include field insectaries, cages, museum methods and equipment, collecting, killing, sampling and sorting equipment, traps, tree bands, behavior equipment, weather, temperature, wind, light, and humidity recording instruments, temperature and humidity controlled cabinets, refrigeration outfits, dusting and spraying equipment, field worktables and desks, in fact everything which an entomologist is likely to use. At the end of the book are some very useful temperature, humidity, pressure and other tables, followed by author and subject indexes. Each outline illustration is fully lettered and explained.

The entire book is full of suggestions for amateur and professional entomologists, and any one contemplating the use or building of a piece of equipment to meet particular entomological needs cannot afford to neglect Doctor Peterson's "Manual." It should be on the reference shelf of every entomologist who is working with living insects. In addition, other workers in the field of zoology are likely to find therein much that will be helpful to them. It is a long needed volume for which entomologists should be grateful.

Doctor Peterson has in preparation a second volume that will deal with insect rearing methods, laboratory and other technique, etc., to which we may look forward.—H. B. WEISS.